



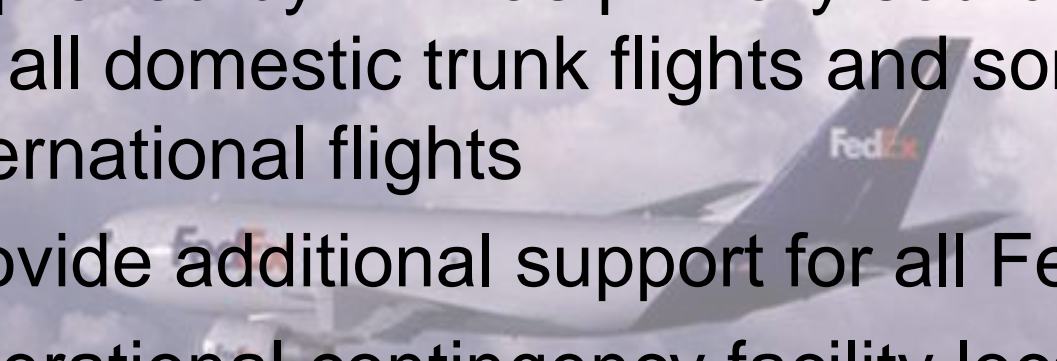
FedEx Weather Services

Air Operations Division

Mission

Provide the most accurate weather forecasts and briefings for North American and Caribbean operations. The Meteorology department also provides the timeliest technical meteorological data to support international flight operations. Through continuous efforts to support customer alignment in support of quality, the Meteorology department helps to ensure FedEx remains the safest, most reliable and cost-efficient air transportation system in the world.

Fast Facts

- Department formed in 1986
 - Operates 24 hrs/day, 7 days/week - staff of 15
 - Located within Global Operations Control, which is the department's primary customer
 - Approved by FAA as primary source of forecasts for all domestic trunk flights and some international flights
 - Provide additional support for all FedEx OpCo's
 - Operational contingency facility located in Collierville
- 
- A FedEx airplane is visible in the background, flying through a cloudy sky. The FedEx logo is clearly visible on the tail of the aircraft.

Responsibilities

- Issue terminal forecasts twice daily for over 150 domestic and international locations with valid times of 16-27 hours = 10,000 forecasts / month!
- Issue SNOCON/Winter Weather Advisories for Memphis, Newark, and Indy hubs
- Forecast temperature, wind, and altimeter settings for hubs and high-altitude ramps
- Coordinate daily air operations with FedEx ATC group
- Expert advice offered within company, including:
 - several daily weather briefings to GOC specialists
 - briefings to flight crews, as necessary
 - guidance on en-route hazardous weather conditions (i.e., icing, turbulence, thunderstorms, ozone/polar routes, volcanic ash)
 - other meteorological conditions that may affect corporate operations (tropical contingencies, winter weather, etc)

Weather Information Display System

- WINDS – Official source of weather information for FDX Corp.
- WINDS provides comprehensive information for both the Meteorologist and Corporate users and decision-makers (graphics, amount of data, robustness)
- IPS Meteostar, Inc. (IPSM – Aurora, CO) designed and built the primary system and hosts a disaster recovery backup

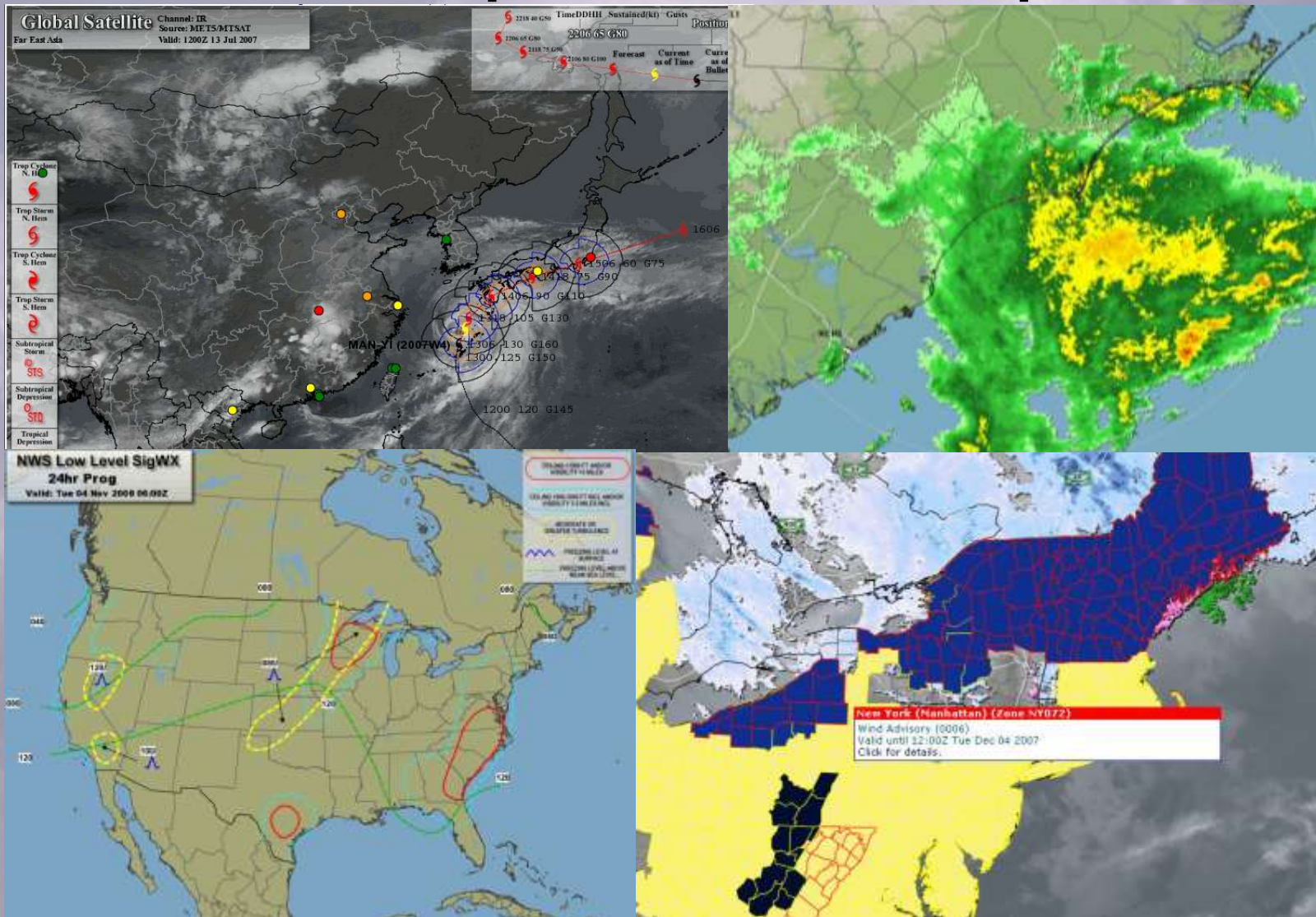
WINDS website

- Primary source of weather information for FDX Corp.
- Displays all pertinent weather data (obs, radar, satellite, model data, watches & warnings, tropical plots) in graphical and/or textual formats
- Available on corporate intranet and on the internet via pilot.fedex.com
- National Weather Service (NOAAPORT) and IPSM are data providers

Satellite Feeds



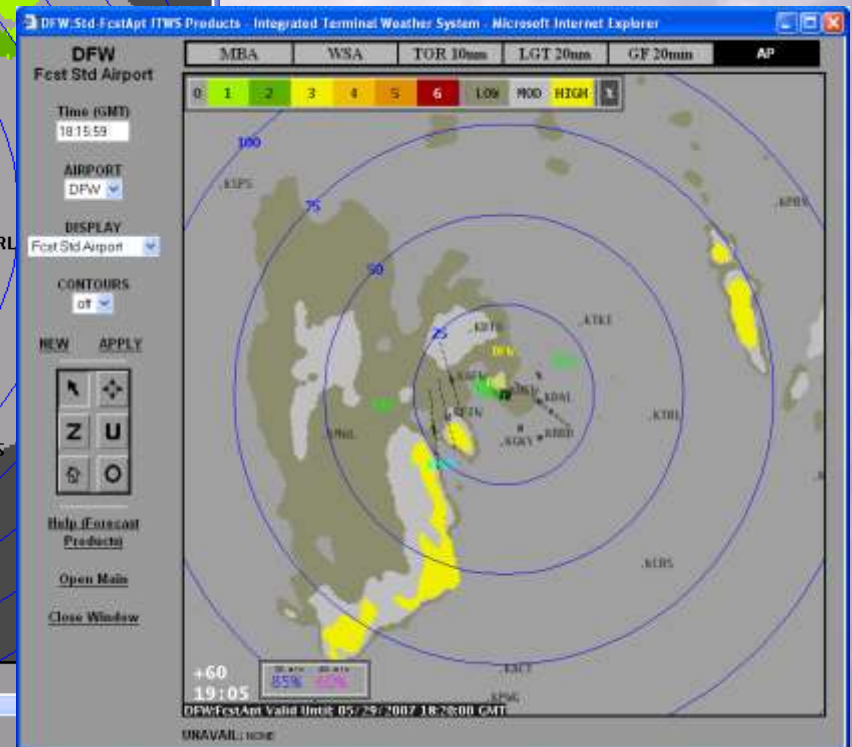
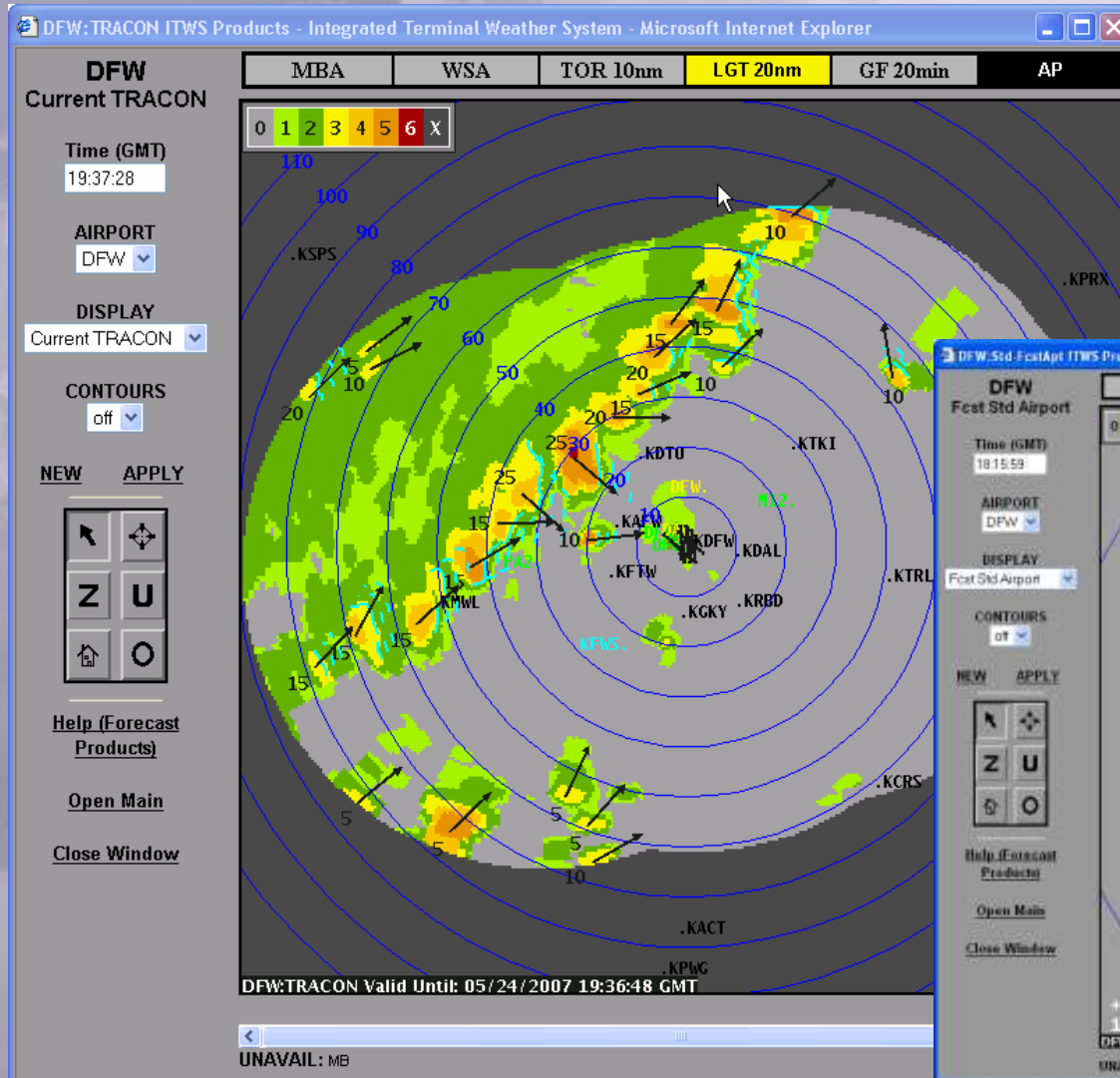
WINDS product samples



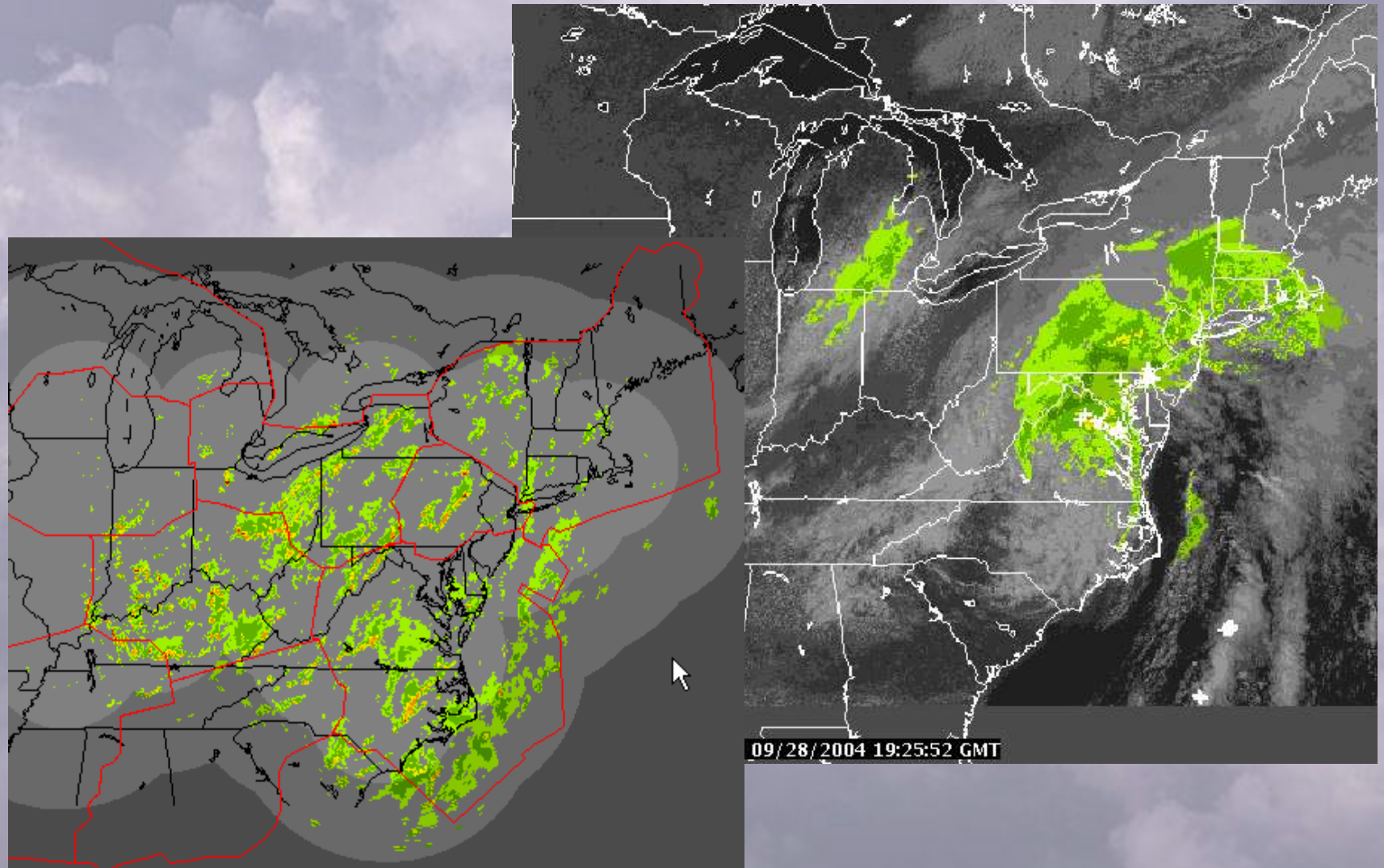
LEADS Weather Workstation



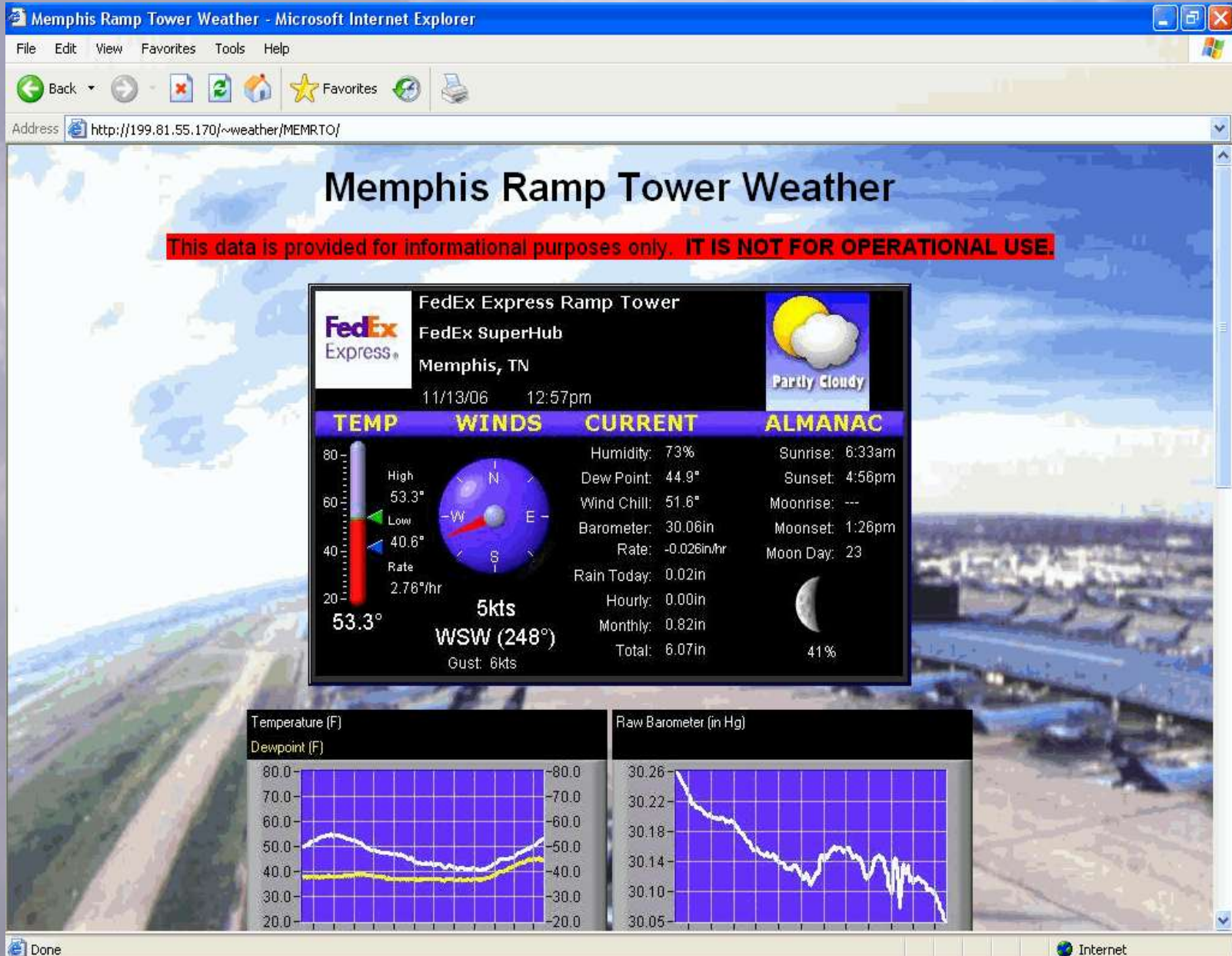
Integrated Terminal Weather System (ITWS)



Corridor Integrated Weather System (CIWS)



Ramp Tower Weather



Thunderstorms vs. Hub Inbound



QUESTIONS?

